



CONSTRUCTION EQUIPMENT

VOLVO A40G 341127 - FRONT AXLE



Sample No: VCP447361
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP447361	VCP398288	VCP360987	---
Sample Date	10 Jul 2024	27 Apr 2023	16 Jan 2023	---
Machine Hours	15296	12838	12357	---
Oil Hours	1074	481	1069	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	134	138	135	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	1	---
Sodium	ppm	0	2	0	---
Potassium	ppm	1	<1	0	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	15	13	---
Copper	ppm	<1	1	0	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	4	0	0	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	2	1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	152	152	163	---
Magnesium	ppm	16	18	7	---
Zinc	ppm	73	61	70	---
Phosphorus	ppm	1055	975	931	---
Barium	ppm	0	0	0	---
Boron	ppm	207	163	171	---

Depot: SCHGRE
Unique No: 11129485
Signed: Wes Davis
Report Date: 19 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

